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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/583,949 | 03/29/2007 | Michael Rosenbauer | 2003P01776WOUS | 1548 |
| 46726 7590 05/05/2008 BSH HOME APPLIANCES CORPORATION INTELLECTUAL PROPERTY DEPARTMENT 100 BOSCH BOULEVARD NEW BERN, NC 28562 | | | | |
| EXAMINER WALDBAUM, SAMUEL A | | | | |
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/583,949

Applicant(s)

ROSENBAUER ET AL.

Examiner

SAMUEL A. WALDBAUM

Art Unit

1792

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 June 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on n/a is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SE/US)
Paper No(s)/Mail Date 6/21/06
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the claim 11 (the control panel, the dishwasher, the container), claim 14 (how the control panel is orientated on the dishwasher) must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 11 and 13 rejected under 35 U.S.C. 102(b) as being anticipated by Oyler et al (U.S. pgpub. 2003/0205954, hereafter '954).

3. Claim 11: '954 teaches a dishwasher with a container (fig. 1, part 104) with a control panel allowing the user to select multiple features and displaying that information to the user ([0025]) with a touch sensitive buttons for selecting user options ([0025]).
4. Claim 13: '954 teaches a plurality of touch sensitive buttons for user selection of desired feature ([0025]). Claims directed to apparatus must be distinguished from prior art in terms of structure rather than function. *In re Danly*, 263 F.2d 844, 847, 120 USPQ 528, 531 (CCPA). “[A]pparatus claims cover what a devices is not what a device does” *Hewlett-Packard Co. v. Bausch & Lomb Inc.*, 909 F.2d 1464, 1469, 15 USPQ2d 1525, 1528 (Fed. Cir. 1990).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 12-14 and 17-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Oyler et al (U.S. pgpub. 2003/0205954) as applied to claim 11 above further in view of Brueggemann et al (U.S. 5,995,877, hereafter '877).

'954 teaches all the elements of claim 11 above.

7. Claim 12: '954 does not teach the explicit nature of the control panel and it functions. '877 is a control panel for a dishwasher (col. 1, lines 5-15). '877 teaches that the touch sensitive switch elements on a control panel are piezosensor elements (col. 3, lines 1-67). All of the claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yielded predictable results to one of ordinary skill in the art at the time of the invention, meaning that the touch sensitive switches taught by '877 can be the touch sensitive switch in apparatus '954 to yield the predictable result of switching functions when the user touches the switch.
8. Claim 14: '877 teaches that the touch sensitive surface is a flat surface (figs. 2a and 2b). '954 teaches that the control panel (part 166) is in substantially the same plane of the door in which is located (fig. 2).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to placed the control panel in the same plane of the surface it is located on, since it has been held that rearranging parts of an invention involves only routine skill in the art. In re Japikse, 86 USPQ 70.

9. Claim 17: '877 teaches that a printed film (part 5, col. 3, lines 1-15) is used to indicate the functions of the buttons (col. 3, lines 1-15). '877 teaches that the film is located behind the touch surface (col. 3, lines 1-15) but also that the touch surface is transparent (col. 3, lines 1-67). It would have been obvious to one having ordinary skill in the art at the time the invention was made to have placed the printed film on part of the surface to indicate the function on each button, since it has been held that rearranging parts of an invention involves only routine skill in the art. In re Japikse, 86 USPQ 70.

'877 is silent as to what material the film is composed of. '877 further teaches that metal can have symbols printed on them for the functions of the buttons (col. 6, lines 20-30). The selection of something based on its known suitability for its intended use has been held to support a *prima facie* case of obviousness. *Sinclair & Carroll Co. v. Interchemical Corp.*, 325 U.S. 327, 65 USPQ 297 (1945). It would have been obvious to one ordinary skill in the art at the time the invention was made that the print film with function indicators of apparatus '954 in view of '877 can be made of a metallic material.

10. Claims 18 and 19: '877 teaches that the control panel is controllably illuminated only by lights (col. 3 line 1-col. 4 line 45).

11. Claim 20: '877 teaches that a number of LEDs of different colors are used to illuminate the surface of the panel (col. 4, lines 15-50).

Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Oyler et al (U.S. pgpub. 2003/0205954) as applied to claim 11 above further in view of Brueggemann et al (U.S. 5,995,877) and Neugass (U.S. 2,791,050, hereafter '050) as evidence by a definition of matt surface provided by www.dictionary.com.

'954 teaches all the elements of claim 11 above.

12. Claim 15: '954 is silent about the characteristics of the viewing surface of the control panel. '877 teaches that the viewing surface is transparent (col. 3, lines 1-67), allowing for signal indicators to be seen through the surface (col. 3, lines 1-67). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have used a transparent surface as taught by '877 as the touch surface in the control panel of apparatus '954 to have allowed signal indicators to be seen through the surface.

'954 in view of '877 does not teach that a matt material is used. Dictionary.com was used to determine the definition of "matt material" which is short for matte material which means lack of luster or gloss. '050 is a control panel. '050 teaches that a matte material finish is used in the control panel to diminish glare (col. 1, lines 15-25). It would have been obvious to one of ordinary skill in the art at the time invention was made to have finished the control panel surface with a matte material as taught by '050 in apparatus '954 in view of '877 to have cut down glare on the surface of the control panel.

Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Oyler et al (U.S. ppub. 2003/0205954) as applied to claim 11 above further in view of Anderson et al (U.S. ppub 2004/0109096, hereafter '096) and Neugass (U.S. 2,660,824, hereafter '824).

'954 teaches all the elements of claim 11 above.

13. Claim 16: '954 does not teach that transparent plastic film covers the touch sensitive surface. '096 is an overlay for a control panel. '096 teaches that a thin plastic films can overlay a control surface ([0032]) to reduces smudges on the control surface ([0032]). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have used a

thin plastic overlay as taught by '954 to cover the touch sensitive control surface of apparatus '954 to reduce smudging on the control surface.

'954 in view '096 does not teach that thin plastic films can be transparent. '824 is a control panel. '824 teaches that thin plastic films of plastic can be transparent to allow the transmission of light through the plastic (col. 3, lines 10-15). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have made the plastic transparent as taught by '824 for the overlay of the control panel of apparatus '954 in view of '096 to have allowed the transmission of light through the plastic overlay.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SAMUEL A. WALDBAUM whose telephone number is (571)270-1860. The examiner can normally be reached on M-TR 6:20-3:50, F 6:30-10:30 est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Cleveland can be reached on 571-272-1418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. A. W./
Examiner, Art Unit 1792

/FRANKIE L. STINSON/
Primary Examiner, Art Unit 1792